

Smoking in Movies and Adolescent Smoking Initiation

Longitudinal Study in Six European Countries

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Appendix A

Study sample details

	Germany	Iceland	Italy	Poland	The Netherlands	United Kingdom
Setting	Public schools, four school types: Gymnasium Gemeinschafts schule, Regional- schule, Hauptschule	Public schools	Public schools, 2nd class of secondary school and 1st class of high school	Public schools, one school type (Gymnasium)	Public schools, four different school types: VMBO, HAVO, Atheneum, Gymnasium	Mainstream (state-funded) schools
Locations	Schleswig-Holstein, Germany District of Kiel, Flensburg, Schleswig-Flensburg, and Rendsburg-Eckernförde	Schools from each region (north, south, east, west) of Iceland in addition to the capital area (Reykjavík)	Piedmont region, Italy Schools with head office in Turin and Novara provinces	Wielkopolska region	Gelderland, Limburg, Brabant	Central belt of Scotland
Time of baseline assessment	November–December 2009	January–February 2010	March–June 2010	April–June 2010	December 2009–June 2010	January–March 2010
Time of follow-up assessment	February–March 2011	January–February 2011	March–May 2011	January–April 2011	February–May 2011	January–February 2011
Eligibility criteria for schools	Location Number of classes >8 No special pedagogic education center No other studies of IFT-Nord	Number of participating students >100	Location in Turin and Novara provinces	Location in Wielkopolska region No special pedagogic education center	No special pedagogic education center No current participation in other studies of the BSI, Radboud University	Location in either Midlothian or East Dumbarton-shire No special education No private education
# of schools potentially eligible	104	Not known	578	253	Not known	14
# of schools invited	60	23	31	253	43	7
Invitation criteria for schools	Random	Convenience sampling	Convenience sampling	All eligible schools	Random	Selected based on proportion of free school meals

	Germany	Iceland	Italy	Poland	The Netherlands	United Kingdom
# of schools that agreed (baseline)	21	20	26	35	5	7
# of schools that agreed (follow-up)	21	20	26	33	5	7
Eligibility criteria for students	Active ("opt-in") parental consent Presence on the day of assessment or, if absent, willing to complete a questionnaire and return by post Willing to participate	Passive ("opt-out") parental consent Students presence on the day of assessment Willing to participate	Active or passive parental consent Willingness to participate or, if absent, willing to complete a questionnaire and return by post	Active ("opt-in") parental consent Presence on the day of assessment Willing to participate	Passive parental consent Presence on the day of assessment Willing to participate	Passive ("opt-out") parental consent Presence on the day of assessment or, if absent, willing to complete a questionnaire and return by post Willing to participate
# of students examined for eligibility	3544	2798	2953	5078	1706	3189
# confirmed eligible	2754	2664	2668	4105	1423	2937
Reasons for non-participation	No parental consent (n=515); absence (n=264); refusal (n=11)	No parental consent (n=19); absence (n=102); refusal (n=13)	No parental consent (n=100); absence (n=175); refusal (n=10)	No parental consent (n=396); absence (n=527); refusal (n=50)	No parental consent (n=18); absence (n=265); refusal (n=0)	No parental consent (n=11); absence (n=226); refusal (n=15)
# participating at baseline	2754	2664	2668	4105	1423	2937
# analyzed at baseline	2754	2664	2668	4105	1423	2937
Response rate at baseline (%)	78	95	90	81	83	92
Mean age at baseline (years)	12.7	13.1	13.6	14.2	13.8	13.0
# participated at follow-up	2645	2594	2404	3698	1676	3012
# matched	2336	2168	2272	3148	1215	2503
Reasons for nonmatch	Absence at baseline Absence at follow-up Incorrect code	Absence at baseline Absence at follow-up Incorrect code	Absence at baseline Absence at follow-up Incorrect code	Absence at baseline Absence at follow-up Incorrect code	Absence at baseline Absence at follow-up Incorrect code	Absence at baseline Absence at follow-up Incorrect code
# of baseline students lost to follow-up	388	496	396	957	208	434
Matching rate (%)	84.8	81.4	85.6	76.7	84.4	80.0
# analyzed at follow-up	2336	2168	2272	3148	1215	2503

BSI, Behavioral Science Institute; HAVO, official classification in Dutch secondary school system for "higher general

continued education"; IFT, Institute for Therapy and Health Research; VMBO, official classification in Dutch school system

for a "preparatory middle-level vocational education" track

Appendix B

Covariates and their assessment

Variable	Survey question	Response categories
Sociodemographics		
Age	How old are you?	Years
Gender	Are you a girl or a boy?	Boy / Girl
Family affluence scale	Does your family own a car, van or truck? Do you have your own bedroom for yourself? During the past 12 months, how many times did you travel away on holiday with your family? How many computers does your family own?	No / Yes: one, two, or more No / Yes Not at all / Once / Twice / More than twice None / One / Two / More than two
Personal characteristics		
School performance	How would you describe your grades last year?	Excellent/ Good/ Average/ Below average
TV screen time	On a school day, how many hours a day do you usually spend watching TV?	None / Less than 1 hour / 1–2 hours / 3–4 hours / More than 4 hours
Number of movies seen	Below is a list of movie titles. Please mark if, and how often, you have seen each movie.	Never / Once / Twice / More than twice
Sensation seeking / rebelliousness (Cronbach's alpha=0.70)	How often do you do dangerous things for fun? How often do you do exciting things, even if they are dangerous? I believe in following rules (recoded). I get angry when anybody tells me what to do.	Not at all / Once in a while / Sometimes / Often / Very often Not at all / A bit / Quite well / Very well
Social environment		
Peer smoking	How many of your friends smoke cigarettes?	None/ A few / Some/ Most/ All
Mother smoking	Does your mother / female guardian smoke cigarettes?	Yes / No / Don't know (coded "no") / Don't have (coded "no")
Father smoking	Does your father / male guardian smoke cigarettes?	Yes / No / Don't know (coded "no") / Don't have (coded "no")
Sibling smoking	Do any of your brothers or sisters smoke cigarettes?	Yes/ No / Don't have (coded "no")

